

<!-- Start Fragment -->

RESULT 8

AAA15967

ID AAA15967 standard; cDNA; 2054 BP.

XX

AC AAA15967;

XX

DT 12-JUN-2000 (first entry)

XX

DE Human protein clone HP02419 full length coding sequence.

XX

KW Human protein; hydrophobic domain; nutritional source; haematopoiesis;  
 KW cytokine production; cell proliferation; cell differentiation;  
 KW immune deficiency; infectious disease; autoimmune disorder; asthma;  
 KW multiple sclerosis; systemic lupus erythematosus; rheumatoid arthritis;  
 KW allergic reaction; osteoporosis; osteoarthritis; periodontal disease;  
 KW nervous system disorder; Alzheimer's disease; Parkinson's disease;  
 KW Huntington's disease; liver fibrosis; lung fibrosis; reperfusion injury;  
 KW systemic cytokine damage; tissue differentiation; contraceptive; stroke;  
 KW coagulation disorder; myocardial infarction; inflammatory condition;  
 KW septic shock; sepsis; ischaemia; reperfusion injury; arthritis; tumour;  
 KW nephritis; therapy; ss.

XX

OS Homo sapiens.

XX

PN WO200005367-A2.

XX

PD 03-FEB-2000.

XX

PF 22-JUL-1999; 99WO-JP003929.

XX

PR 24-JUL-1998; 98JP-00208820.

PR 07-AUG-1998; 98JP-00224105.

PR 25-AUG-1998; 98JP-00238116.

PR 09-SEP-1998; 98JP-00254736.

PR 29-SEP-1998; 98JP-00275505.

XX

PA (SAGA ) SAGAMI CHEM RES CENT.

PA (PROT-) PROTEGENE INC.

XX

PI Kato S, Kimura T;

XX

DR WPI; 2000-182694/16.

DR P-PSDB; AAY94879.

XX

PT Novel human proteins having hydrophobic domains useful for treating  
 PT osteoporosis, Alzheimer's disease, Parkinson's disease, asthma, multiple  
 PT sclerosis, rheumatoid arthritis, cancer; anemia, and stroke.

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PS Claim 4; Page 294-296; 351pp; English.

XX

CC This sequence encodes a human protein of the invention, which has  
 CC hydrophobic domains. The DNA sequences can be used as a probe or as a  
 CC genetic marker. The protein can also be used as a marker, and to identify  
 CC potential genetic disorders. The DNA and protein can also be used as  
 CC nutritional sources or supplements. The protein exhibits cytokine, cell  
 CC proliferation, cell differentiation activities and induces production of  
 CC other cytokines in certain cell populations. The protein also exhibits  
 CC immune stimulating or immune suppressing activity. It can be used in the  
 CC treatment of various immune deficiencies and disorders, and to treat  
 CC infectious diseases caused by viral, bacterial, fungal or other

XX

SQ

## Query Match

97.6%; Score 930.8; DB 3; Length 2054;

Best Local Similarity 99.8%; Pred. No. 1.3e-214;

99.8%; Pred. No. 1.3e-214;

Matches 932; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy

21 CACATGGCCGAGTCCGCCCGCCCCCTCCCGTCCCGCCGCTGCAGCCGTCGCCTTCGG 80

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Db 1 CACATGGCCAAGTCCGCCCCGCCCCCTCCCCGTCCCGCCGCTGCAGCGGTCGCCTTCGG 60

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Qy 81 AGCGAAGGGTACCGACCGGCAGAAGCTCGGAGCTCTCGGGGTATCGAGGAGGCAGGCC 140

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41 GCGGGCGCACGGGCGAGCGGGCCGGGAGCCGGAGCGGCGGAGGAGCCGGCAGCAGCGGCG 20

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Db 121 GCGGGCGCACGGGCGAGCGGGCCGGGAGCCGGAGCGGCGGAGGAGCCGGCAGCAGCGGCG 180

21 GCGGGCGCACGGGCGAGCGGGCCGGGAGCCGGAGCGGCGGAGGAGCCGGCAGCAGCGGCG 18

Qy 201 CGGCGGGCTCCAGGCGAGGCGGTCGACGCTCCTGAAAACTTGC GCGCGCGCTCGCGCCAC 260

201 CGGCGGGCTCCAGGCGAGGCGGTCGACGCTCCTGAAACTTGCGCGCGCGCTCGCGCCAC 26

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Db 181 CGGCGGGCTCCAGGCGAGGCGGTCGACGCTCCTGAAACTTGCGCGCGCGCTCGCGCCAC 240

L81 CGGCGGGCTCCAGGCGAGGCGGTCGACGCTCCTGAAAACCTGCGCGCGCGCTCGCGCCAC 24

QV 261 TGCGCCCGGAGCGATGAAGATGGTCGCGCCCTGGACGCGGTTCTACTCCAACAGCTGCTG 320

261 TGCGCCCGGAGCGATGAAGATGGTCGCGCCCTGGACGCGGTTCTACTCCAACAGCTGCTG 32

[illegible]

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241 TGCGCCCGAGCGATGAAGATGGTCGCGCCCTGGACGCGGTTCTACTCCAACAGCTGCTG 30

Qy 321 CTTGTGCTGCCATGTCCGCACCGGCACCATCCTGCTCGGCGTCTGGTATCTGATCATCAA 380

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[illegible]

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Qy 381 TGCTGTGGTACTGTTGATTTTATTGAGTGCCCTGGCTGATCCGGATCAGTATAACTTTTC 440

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[illegible]

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Qy 441 AAGTTCTGAAGTGGGAGGTGACTTTGAGTTCATGGATGATGCCAACATGTGCATTGCCAT 500

41 AAGTTCTGAACTGGGAGGTGACTTTGAGTTCATGGATGATGCCAACATGTGCATTGCCAT 50

[illegible]

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Db      421 AAGTTCTGAACTGGGAGGTGACTTTGAGTTCATGGATGATGCCAACATGTGCATTGCCAT 480
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Db      481 TGCGATTTCTCTTCTCATGATCCTGATATGTGCTATGGCTACTTACGGAGCGTACAAGCA 540
Qy      561 ACGCGCAGCCTGGATCATCCCATTCTTCTGTTACCAGATCTTTGACTTTGCCCTGAACAT 620
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Db      541 ACGCGCAGCCTGGATCATCCCATTCTTCTGTTACCAGATCTTTGACTTTGCCCTGAACAT 600
Qy      621 GTTGGTTGCAATCACTGTGCTTATTTATCCAAACTCCATTAGGAATACATACGGCAACT 680
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Db      841 CAGCAATGACACTACGGTGCTGCTACCCCGTATGATGATGCCACTGTGAATGGTGCTGC 900
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Db      901 CAAGGAGCCACCGCCACCTTACGTGTCTGCCTAA 934
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